03-06

Sheet <u>1</u> of <u>8</u>

Rubstitute Form PTO-1449

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 08895-019001

Application No. 09/772,593

Information Disclosure Statement
by Applicant
(Use several sheets if necessary)

Applicant
Marshall Medoff et al.

Filing Date
January 30, 2001

Group Art Unit 1711

**U.S. Patent Documents Filing Date** Publication Examiner Desig **Document** Class Subclass If Appropriate Patentee Initial ID Number Date 2,519,442 08/22/50 Delorme et al. AA 2,368,378 06/26/51 Petry AB 2,635,376 04/21/53 Meiler et al. AC 2,658,828 11/10/53 Pattilloch AD 01/05/54 Baker 2,665,261 ΑE 06/01/54 Becher 2,680,102 AF 07/31/56 AG 2,757,150 Heritage 04/23/67 Lukman et al. AH 2,789,903 05/10/60 Newman et al 2,935,763 ΑI 3,308,218 03/7/67 Wiegand et al. AJ 03/14/67 Schueler AK 3,309,444 02/03/70 S ueler AL 3,493,527 06/23/70 Wood AM 3,516,953 02/29/72 Gaylord AN 3,645,939 06/20/72 Price AO 3,671,615 02/27/73 Downs et al. AP 3,718,536 09/17/74 Boustany et al. 3,836,412 AQ 04/15/75 3,878,143 Baumann et al. AR 3,888,810 06/10/75 Shinomura AS 3,943,079 03/09/76 Hamed AT 05/11/76 Pringle AU 3,956,541 3.956,555 05/11/76 McKean ΑV 01/25/77 AW 4,005,162 **Bucking** 04/05/77 Pringle ΑX 4,016,232 ΚY 4,033,913 07/05/77 Sunden AZ 08/30/77 Smith 4,045,603 Goettler et al. AAA 11/01/77 4,056,591

Examiner Signature

/Nathan Nutter/ (05/03/2006)

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 08895-019001

Application No. 09/772,593

**Information Disclosure Statement** by Applicant

**Applicant** Marshall Medoff et al.

(Use several sheets if necessary)

Filing Date **Group Art Unit** January 30, 2001

1711

(37 CFR §1.98(b))

			U.S. Pate	nt Documents			
Examiner Initial	Desig.	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BA	4,058,580	11/15/77	Flanders			
	BB	4,007,648	06/27/78	Pringle			
	ВС	4,112,038	09/05/78	Garner			
	BD	4,115,497	09/19/78	Halmo Rolls et al.			
	BE	4,145,389	03/20/79	Smith			, . <del>-</del>
	BF	4,168,251	09/18/79	Schinzel et al.			
	BG	4,187,352	02/05/80	Klobbie			
	вн	4,203,876	05/20/80	Dereppe et al.			
	BI	4,204,010	05/20/80	Kramm et al			
	BJ	4,228,116	10/14/80	Colombo et al.			
	вк	4,239,679	12/16/80	Rolls et al.		,	
	BL	4,244,903	01/13/81	Sonnause			
	ВМ	4,248,743	02/03/81	Goettler			
	BN	4,248,820	02/03/81	Haataja			
	во	4,250,222	02/10/81	Mavel et al.			
	BP	4,263,184	04/21/81	Leo et al.			
	BQ	4,265,846	05/05/81	Shen et al.			
	BR	4,273,688	06/16/81	Porzel et al.			
	BS	4,277,428	07/07/81	Luck et al.			
	ВТ	4,279,790	07/21/81	Nakajima			
	BU	4,281,039	07/28/81	Miura et al.			
	BV	4,290,988	09/22/81	Nopper et al.			
	BW	4,305,901	12/15/81	Prince et al.			
	ВХ	4,311,554	01/19/82	Herr			
	βY	4,311,621	01/19/82	Nishizawa et al.			
	BZ	4,318,351	03/09/82	Munk			
	BAA	4,323,625	04/06/82	Coran et al.			

**Examiner Signature** 

/Nathan Nutter/ (05/03/2006)

**Date Considered** 

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 08895-019001

Application No. 09/772,593

Information Disclosure Statement by Applicant

Applicant
Marshall Medoff et al.

(Use several sheets if necessary) Filing Date
January 30, 2001

Group Art Unit

(37 CFR §1.98(b))

				nt Documents			
Examiner Initial	Desig.	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	CA	4,328,136	05/04/82	Blount			
	СВ	4,376,144	03/08/83	Goettler			
	СС	4,382,108	05/03/83	Carroll et al.			
	CD	4,393,020	07/12/83	Li et al.			
	CE	4,414,267	11/08/83	Coran et al.			
	CF	4,420,351	12/13/83	Lussi et al.			
	CG	4,426,470	01/17/84	Wessling et al.			
	СН	4,440,708	04/03/84	Haataja et al.			
	CI	4,454,091	06/12/84	Chion et al.			
	CJ	4,455,709	06/26/84	Zanini			
	CK	4,481,701	11/13/84	Hewin			
	CL	4,491,553	01/01/85	Yamada et al.			
	СМ	4,503,115	03/05/85	Hemels et al.			
	CN	4,505,869	03/19/85	Nishibori			
	СО	4,506,037	03/19/85	Suzuki et al.			
	СР	4,508,595	04/02/85	Gasland			
	CQ	4,551,294	1//05/85	Wottka et al.			
	CR	4,559,376	12/17/85	Kubat			
	CS	4,562,218	12/31/85	Fornadel et al			
	СТ	4,594,377	06/10/86	Natov et al.			
	CU	4,597,928	07/01/86	Terentiev et al			
	CV	4,610,900	09/09/86	Nishibori			
	CW	4,645,631	02/24/87	Hegenstaller et al.			
	CX	4,659,754	04/21/87	Edwards et al.			
	СY	4,663,225	05/05/87	Farley et al.			
	CZ	4,686,251	08/11/87	Ostermann et al.			
	CAA	4,687,793	08/11/87	Motegi et al.			

**Examiner Signature** 

/Nathan Nutter/ (05/03/2006)

Date Considered

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 08895-019001

Application No. 09/772,593

Information Disclosure Statement by Applicant

Marshall Medoff et al.

January 30, 2001

**Applicant** 

Filing Date

(Use several sheets if necessary)

Group Art Unit 1711

(37 CFR §1.98(b))

	U.S. Patent Documents						
Examiner Initial	Desig.	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	DA	4,716,062	12/29/87	Klein			
	DB	4,717,742	01/05/88	Beshay			
	DC	4,734,36	03/29/88	Davis			
	DD	4,737,532	04/12/88	Fujita et al.			
	DE	4,738,723	04/19/88	Frizzell et al.			
	DF	4,746,688	Q5/24/88	Bistak et al.			
	DG	4,769,109	09/06/88	Tellvik et al.			
	DH	4,769,274	09/06/88	Tellvik et al.			
	DI	4,810,445	03/07/89	Lamb, Sr. et al.			
	DJ	4,818,604	04/04/89	Tock			
	DK	4,851,458	07/25/89	Hopperdietzel			
	DL	4,865,788	09/12/89	Davis			
	DM	4,874,095	10/17/89	Warych			
_	DN	4,894,192	01/16/90	Warych			
	DO	4,915,764	04/10/90	Miani			
_	DP	4,927,579	05/22/90	Moore			
,	DQ	4,935,182	06/19/90	Ehner et al.			
	DR	4,960,548	10/02/90	Ikeda et al.			
	DS	4,963,603	10/16/90	Felegi, Jr. et al.			
	DT	4,968,467	11/06/90	Levasseur			
	DU	4,973,440	11/27/90	Tamura et al.			
	DV	4,978,489	12/18/90	Radvan et al.			
	DW	4,988,478	01/29/91	Held			
	DX	5,002,713	03/26/91	Palardy et al.			
	ØΥ	5,008,310	04/16/91	Beshay			
	DZ	5,009,586	04/23/91	Pallmann			
	DAA	5,028,266	07/02/91	Rettenmaier			

Examiner Signature

/Nathan Nutter/ (05/03/2006)

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. Department of Commerce Patent and Trademark Office

Attomey's Docket No. 08895-019001

Application No. 09/772,593

Information Disclosure Statement by Applicant

Applicant
Marshall Medoff et al.

(Use several sheets if necessary)

Filing Date Group Art Unit January 30, 2001 1711

(37 CFR §1.98(b))

	1	· .	U.S. Pate	nt Documents			· .
Examiner Initial	Desig.	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	EA	5,057,167	10/15/91	Gersbeck			
	EB	5,025,057	12/24/91	Hoedl			
	EC	5,075,359	12/24/91	Castagna et al.			
	ED	5,082,603	01/21/92	Brooks et al.			
	EE	5,084,135	01/28/92	Brooks et al.			•
	EF	5,087,400	02/11/92	Theuveny			
	EG	5,088,910	02\18/92	Goforth et al.			
	ЕН	5,093,058	03/03/02	Harmon et al.			
	EI	5,096,046	03/17/92	Goforth et al.			
	EJ	5,096,406	03/17/92	Brooks et al.			
	EK	5,120,776	06/09/92	Raj er al.			
	EL	5,137,668	08/11/92	Lamb, Sr.			
	EM	5,155,147	10/13/92	Dietz et al.			
	EN	5,183,837	02/02/93	Lepori et al.			
	EO	5,194,461	03/16/93	Berquist et al.			
	EP	5,213,021	05/25/93	Goforth et al.			
	EQ	5,254,617	19/19/93	Inoue et al.			
	ER	5,284,610	02/08/94	Tai .			
	ES	5,285,973	02/15/94	Goforth et al.			
	ET	5,298,102	03/29/94	Pohl			
	EU	5,351,895	10/04/94	Brooks et al.			
	EV	5,366,790	11/22/94	Liebel			
	EW	5,406,768	04/18/95	Giuseppe et al.			
	EX	5,437,766	08/01/95	Van Phan et al.			
	ĔΥ	5,439,542	08/08/95	Liebel			
	EZ	5,439,749	08/08/95	Klasell, et al.			
	EAA	5,441,801	08/15/95	Deaner et al.			

**Examiner Signature** 

/Nathan Nutter/ (05/03/2006)

Date Considered

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 08895-019001

Application No. 09/772,593

Information Disclosure Statement by Applicant (Use several sheets if necessary) Applicant
Marshall Medoff et al.

Filing Date

Group Art Unit 1711

(37 CFR §1.98(b))

January 30, 2001

	1		U.S. Pate	nt Documents			
Examiner Initial	Desig.	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	FA	5,480,602	01/02/96	Nagaich			
	FB	5,486,553	01/23/96	Deaner et al.			
	FC	5,497,694	03/12/96	Giuseppe et al.			
	FD	5,518,677	05/21/96	Deaner et al.			
	FE	5,539,027	07/23/96	Deaner et al.			
	FF	5,540,244	07/20/96	Brooks et al.			
	FG	5,543,205	08/06/96	Liebel			
	FH	5,558,933	09/24/96	Anthony			
	FI	5,574,094	11/12/96	Malucelli et al.			
	FJ	5,582,682	12/10/96	Ferretti			
	FK	5,585,155	12/17/96	Heikkila et al.			
	FL	5,643,359	07/01/97	Socoushian et al.			
	FM	5,643,635	07/01/97	Ahn et al.			
	FN	5,695,874	12/09/97	Deaner et al.			
	FO	5,746,958	05/05/98	Gustafsson et al.			
	FP	5,759,680	06/02/98	Brooks et al.			
	FQ	5,767,177	06/16/98	Omente et al.			
	FR	5,773,138	06/30/98	Seethamraju et al.			
	FS	5,819,491	10/13/98	Davis			
	FT	5,827,607	10/27/98	Deaner et al.			
	FU	5,851,469	12/22/98	Muller et al.			
	FV	5,876,641	03/02/99	LeClair et al.			
	FW	5,882,564	03/16/99	Puppin			-
	FX	5,932,334	08/03/99	Deaner et al.			
	FY	5,948,505	09/07/99	Puppin			
/	FZ	5,948,524	09/07/99	Seethamraju et al.			
	FAA	5,981,067	11/09/99	Seethamraju et al.			

Examiner Signature

/Nathan Nutter/ (05/03/2006)

Date Considered

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 08895-019001

Application No. 09/772,593

Information Disclosure Statement by Applicant (Use several sheets if necessary) Applicant
Marshall Medoff et al.

Filing Date
January 30, 2001

Group Art Unit 1711

(37 CFR §1.98(b))

	1		U.S. Pate	nt Documents			
Examiner Initial	Desig.	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	GA	5,985,429	11/16/99	Plummer et al.			
	GB	6,004,668	12/21/99	Deaner et al.			
	GC	6,007,656	12/28/99	Heikkila et al.			
	GD	6,015,611	01/18/00	Deaner et al.			
	GE	6,015,612	01/18/00	Deaner et al.			
	GF	6,054,207	04/25/00	Finley			
	GG	6,106,944	08/22/00	Heikkila et al.			
	GH	6,122,877	09/26/00	Hendrickson et al.			
	GI	6,210,792	04/03/01	Seethamraju et al.			
	GJ	6,346,160	02/12/02	Puppin			
	GK	6,357,197	03/19/02	Serino et al.			

·	Foreig	n Patent Doc	uments or P	ublished Foreign	Patent /	Applicatio	ns	
Examiner	Desig.	Document	Publication /	Country or			Translat	tion
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
	GL	2104903	0/16/83	Great Britain				
	GM	0 161 766	11/21/85	EP				
	GN	2171953	9/10/86	Great Britain				
,	GO	AU-B- 47811/90	01/09/89	AU				
	GP	0 409 525 AZ	07/16/90	EP				
	GQ	WO 92/07/022	10/22/91	WIPO				
	GR	WO 96/13551	05/09/96	WIPO				
	GS	WO 97/18173	05/22/97	WIPO				

	Other	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Dealg.	Document
	GT	Kokta et al., "Use of Wood Fibers in Thermoplastic Composites", Polymer Composites, Oct. 1983, vol. 4, No. 4, pp. 229-232.
	GU	Yam et al., "Composites From Compounding Wood Fibers With Recycled High Density Polyethylene", Polymer Engineering and Science, Mid-Jun. 1990, vol. 30, No. 11, pp. 693-699

**Examiner Signature** 

/Nathan Nutter/ (05/03/2006)

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08895-019001	Application No. 09/772,593		
	Information Disclosure Statement by Applicant		Applicant Marshall Medoff et al.		
	eets if necessary)	Filing Date January 30, 2001	Group Art Unit		

(	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig.	Document
	НА	Zadorecki et al., "Future Prospects for Wood Cellulose as Reinforcement in Organic Polymer Composites", Polymer Composites, Apr. 1989, vol. 10, No. 2, pp. 69-77.
	НВ	Woodhams et al., "Wood Fibers as Reinforcing Fillers for Polyolefins", Polymer Engineering and Science, Oct. 1984, vol. 24, No. 15, pp. 1166-1171.
	НС	Maldas et al., "Composites of Polyvinyl Chloride-Wood Fibers: IV. Effect of the Nature of Fibers", Journal of Vinyl Technology, Jun. 1989, vol. 11, No. 2, pp. 90-98
	HD	Raj et al., "Use of Wood Fibers as Filler in Common Thermoplastic Studies on Mechanical Properties", Science and Engineering of Composite Materials, vol. 1, No. 3, 1989, pp. 85-98.
	HE	Kokta et al., "Use of Grafted Wood Fibers in Thermoplastic Composites V. Polystyrene", pp. 85-96.
	HF	Klason et al., "The Efficiency of Cellulosic Fillers in Common Thermoplastics. Part I. Filling Without Processing Aids or Coupling Agents", International Journal of Polymeric Materials, Mar. 1984, pp. 159-187.
	HG	Dalvag et al., "The Efficiency of Cellulosic Fillers in Common Thermoplastics. Part II. Filling with Process Aids and Coupling Agents", International Journal of Polymeric Materials, 1985, vol. 11, pp. 9-38.
	нн	Rogalski et al., "Poly(Vinyl-Chlorida) Wood Fiber Composites", Antec '87, pp. 1436-1441.
	ні	Raj et al., "Use of Wood Fibers in Thermoplastics. VII. The Effect of Coupling Agents in Polyethylene-Wood Fiber Composites", Jaurnal of Applied Polymer Science, vol. 37, (1989), pp. 1089-1103.
	НЈ	Kokta et al., "Composites of Polyvinyl Chloride-Wood Fibers. I. Effect of Isocyanate as a Bonding Agent", Polym. Plast. Technol. Eng. 29(1&2), 1990, pp. 87-118.
	HK	Kokta et al., "Composites of Polyvinyl Chloride-Wood Fibers. III. Effect of Silane as Coupling Agent", Journal of Vinyl Technology, Sep. 1990, vol. 12, No. 3, pp. 146-153.
	HL	Kokta et al., "Composites of Poly(Vinyl Chloride) and Wood Fibers. Part II: Effect of Chemical Treatment", Polymer Composites, Apr. 1990, vol. 11, No. 2, pp. 84-89.

Examiner Signature Date Considered
/Nathan Nutter/ (05/03/2006)